

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al.      Art Unit : Unknown  
Serial No. :      Examiner : Unknown  
Filed : November 21, 2000  
Title : POWER CONVERTER CONFIGURATION, CONTROL, AND  
CONSTRUCTION

jc930 U.S. PTO  
09/17/03  
11/21/00

**BOX PATENT APPLICATION**

Commissioner for Patents  
Washington, D.C. 20231

#3  
705  
C. Hickson  
3-29-01

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the attached form PTO-1449. Under 35 USC §120, this application relies on the earlier filing date of application serial number 08/631,793, filed on April 10, 1996. The references listed on the attached form PTO-1449 were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 06-1050.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit November 21, 2000

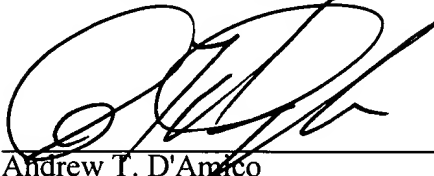
Signature Valentin Figueroa

Typed or Printed Name of Person Signing Certificate VALENTIN FIGUEROA

Applicant : Patrizio Vinciarelli et al.  
Serial No. :  
Filed : November 21, 2000  
Page : 2

Attorney's Docket No.: 00614-042002 / Brains Div.

Respectfully submitted,



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Reg. No. 33,375

Date: Nov. 17, 2000

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00614-042002	Application No.
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Patrizio Vinciarelli et al.	
		Filing Date November 21, 2000	Group Art Unit



### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2,847,651	08/12/58	Schamaneck			
	AB	2,896,028	07/21/59	Mackey			
	AC	3,226,629	12/28/65	Hazzard			
	AD	3,277,416	10/04/66	Barr			
	AE	3,458,843	07/29/69	Lord			
	AF	3,465,274	09/02/69	Proctor			
	AG	3,483,499	12/09/69	Lugten			
	AH	3,622,928	11/23/71	Lee			
	AI	3,798,059	03/19/74	Astle et al.			
	AJ	3,851,287	11/26/74	Miller et al.			
	AK	4,012,703	03/15/77	Chamberlayne			

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	2054457	05/10/72	Germany			Engl. Abstr.	
	AM	4-352306	12/07/92	Japan			Engl. Abstr.	
	AN	2 238 915	06/12/91	Great Britain				
	AO	2 641 438	07/27/90	France			Engl. Abstr.	
	AP	62-12194	01/21/87	Japan			US Cntrpt 4,712,160	

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	Altmann et al., "Printed Delay Line", IBM Technical Disclosure Bulletin, Vol. 8, No. 5, Oct. 1965, pp. 741-742.
	AR	Pelly et al., "Power MOSFETs Take the Load Off Switching Supply Design", Electronic Design, Feb. 17, 1983, pp. 135-139.
	AS	Miura et al., "New Power Supply For Audio Power Amplifiers", IEEE Transactions on Consumer Electronics, Vol. CE-24, No. 3, August 1978.
	AT	Wong, "Design Entry, 'Compact Power Unit Raises Supply's Switching Rate By An Order of Magnitude'", Electronics Design, April 1985, pp. 161-168.

Examiner Signature	Date Considered
<b>EXAMINER:</b> Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AU	4,080,585	03/21/78	Molthen			
	AV	4,201,965	05/06/80	Onyshkevych			
	AW	4,383,292	05/10/83	Onodera et al.			
	AX	4,415,959	11/15/83	Vinciarelli			
	AY	4,441,146	04/03/84	Vinciarelli			
	AZ	4,455,545	06/19/84	Shelly			
	AAA	4,485,368	11/27/84	Messé			
	ABB	4,622,627	11/11/86	Rodriguez et al.			
	ACC	4,658,799	04/21/87	Kusaka et al.			
	ADD	4,675,797	06/23/87	Vinciarelli			
	AEE	4,853,668	08/01/89	Bloom			


### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AFF	3501052	07/17/86	Germany			X	
	AGG	3-97386	10/07/91	Japan				
	AHH	63-198387	12/21/88	Japan			U.S. Cntrprt 4,811,348	
	AII	54-110424	08/29/79	Japan			Engl. Abstr.	

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AJJ	Letter from R.E. Lowe, General Electric, January 14, 1982.
	AKK	General Electric ad, "GE SwitchMod™ Power Supply Kit".
	ALL	General Electric brochure, SwitchMod™, 6PM Series.
	AMM	General Electric brochure, "Switching Power Supply", 6PS Series.

Examiner Signature	Date Considered
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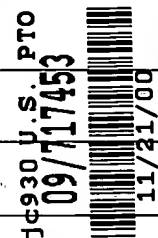
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<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ANN	5,155,676	10/13/92	Spreen			
	AOO	5,132,888	07/21/92	Lo et al.			
	APP	5,162,663	11/10/92	Combs et al.			
	AQQ	5,161,098	11/03/92	Balakrishnan			
	ARR	4,709,315	11/24/87	Ramos			
	ASS	5,008,797	04/16/91	Patel et al.			
	ATT	4,024,449	05/17/77	Burrie et al.			
	AUU	4,761,724	08/02/88	Brown et al.			
	AVV	3,522,509	08/04/70	Hasenbalg			
	AWW	3,771,040	11/06/73	Fletcher et al.			
	AXX	4,439,821	03/27/84	Grippe			

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	YYY	55-154712	12/02/80	Japan			X	
	AZZ	52-115116	09/27/77	Japan				X
	AAAA							
	ABBB							
	ACCC							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ADDD	Powercube Catalog, "Icecube™ Current Mode DC-DC Converter".
	AEEE	Powercube Selection Guide
	AFFF	Letter from Joseph DiBrigida, Computer Products to Powercube Corp, August 14, 1981, with specification.
	AGGG	Powercube brochure

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AHHH	4,683,528	07/28/87	Snow et al.			
	AIII	4,837,452	06/06/89	Peterson			
	AJJJ	4,868,732	09/19/89	Gillett et al.			
	AKKK	4,873,757	10/17/89	Williams			
	ALLL	4,885,673	12/05/89	Philippe			
	AMMM	4,901,215	02/13/90	Martin-Lopez			
	ANNN	4,942,352	07/17/90	Sano			
	AOOO	4,996,638	02/26/91	Orr			
	APPP	5,019,955	05/28/91	Hoeksma			
	AQQQ	5,063,489	11/05/91	Inaba			
	ARRR	5,282,122	01/25/94	Summer			

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							Yes	No
	ASSS							
	ATTT							
	AUUU							
	AVVV							
	AWWW							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AXXX	Powercube brochure, Application Notes, "Efficiency Considerations for CIRKITBLOCK@ MODULES.
	AYYY	Powercube brochure, "Input Set Model ASPG".
	AZZZ	Powercube brochure, Application Notes, "Switching Preregulators".
	AAAAA	Powercube brochure, "The Magnetic Switching Regulator 5TR200 and 5TR160 Transformer Isolated Output Modules Regulated DC Power Converter".

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### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABBBB	5,289,359	02/22/94	Ziermann			
	ACCCC	5,384,691	01/24/95	Neugebauer et al.			
	ADDDD	4,862,339	08/29/89	Inou et al.			
	AEEEE	4,811,348	03/07/89	Arimoto et al.			US Counterpart of JP 63-198387
	AFFFF	5,443,434	08/22/95	Vinciarelli et al.			
	AGGGG	6,107,860	08/22/00	Vinciarelli			
	AHHHH	5,365,403	11/15/94	Vinciarelli et al.			
	AIIII	4,712,160	12/08/87	Sato et al.			US Counterpart of JP 62-12194
	AJJJJ	4,914,381	04/03/90	Narod			
	AKKKK	4,930,059	05/29/90	Rütt			
	ALLLL	4,994,078	02/19/91	Jarvik			

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							Yes	No
	AMMM							
	ANNNN							
	AOOOO							
	APPPP							
	AQQQQ							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ARRRR	Powercube brochure, "Quad Output Miniature DC-DC Converter".
	ASSSS	Powercube brochure, "The Magnetic Switching Regulator 5TR200 and 5TR160 Transformer Isolated Output Modules Regulated DC Power Converter".
	ATTTT	Powercube Brochure, Application Notes, "Efficiency Considerations for CIRKITBLOCK MODULES.
	AUUUU	Powercube Brochure, ICECUBE Condensed Catalog.

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### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AVVVV	5,105,095	04/14/92	Rudy, Jr., et al.			
	AWWW						
	AXXXX						
	AYYYY						
	AZZZZ						
	AAAAA						
	ABBBB						
	ACCCC						
	ADDDD						
	AEEEE						
	AFFFF						

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							Yes	No
	AGGGG							
	AHHHH							
	AIIII							
	AJJJJ							
	AKKKK							

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Examiner Initial	Desig. ID	Document
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	MMMM	
	NNNN	
	OOOO	

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